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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Declaration Submitted with Initial Filing Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

OR

Attorney Docket Number	EMCORE 3.0-085 (EMCORE 085)
First Named Inventor	Bryan S. Shelton
COMPLETE IF KNOWN	
Application Number	Not Yet Assigned
Filing Date	
Group Art Unit	N/A
Examiner Name	Not Yet Assigned

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

LATERAL CONDUCTION SCHOTTKY DIODE WITH PLURAL MESAS

(Title of the Invention)

the specification of which

 is attached hereto

OR

 was filed on (MM/DD/YYYY) as United States Application Number or PCT InternationalApplication No. and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES	Certified Copy Attached? NO
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

 Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

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DECLARATION — Utility or Design Patent Application

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Customer Number 000530

Direct all correspondence to:	<input checked="" type="checkbox"/> Customer Number or Bar Code Label	000530	OR <input type="checkbox"/> Correspondence address below
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Name

Address

City	State	ZIP
Country	Telephone	Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR: A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])	Bryan S.	Family Name or Surname	Shelton
Inventor's Signature	Date 01/12/04		
Residence: City	NJ	United States of America	US Citizenship
Mailing Address:	414 William Street		

City Bound Brook NJ ZIP 08805 United States of America Country

NAME OF SECOND INVENTOR: A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])	Linlin	Family Name or Surname	Liu
Inventor's Signature	Date 1/04/04		
Residence: City	NJ	United States of America	China Citizenship
Mailing Address:	28 Deanna Drive Apt. 49		

City Hillsborough NJ ZIP 08844 United States of America Country

 Additional inventors are being named on the 2 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

LD-537\

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DECLARATION**ADDITIONAL INVENTOR(S)
Supplemental Sheet**Page 3 of 4

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)) <i>Alex D.</i>		Family Name or Surname <i>Ceruzzi</i>	
Inventor's Signature <i>Alex D. Ceruzzi</i>			Date <i>11/14/04</i>
Residence: City Princeton Junction	State NJ	United States of America	Citizenship US
Mailing Address: 6 Stanford Place			
City Princeton Junction	State NJ	Zip 08550	Country United States of America
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)) <i>Michael</i>		Family Name or Surname <i>Murphy</i>	
Inventor's Signature <i>Michael Murphy</i>			Date <i>1/12/04</i>
Residence: City Somerset	State NJ	United States of America	Citizenship US
Mailing Address: 9J One JFK Boulevard			
City Somerset	State NJ	Zip 08873	Country United States of America
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)) <i>Milan</i>		Family Name or Surname <i>Pophristic</i>	
Inventor's Signature <i>Milan Pophristic</i>			Date <i>1/12/04</i>
Residence: City North Brunswick	State NJ	United States of America	Citizenship Serbia and Montenegro
Mailing Address: 500 Adams Lane Apt. 10N			
City North Brunswick	State NJ	Zip 08902	Country United States of America
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)) <i>Boris</i>		Family Name or Surname <i>Peres</i>	
Inventor's Signature <i>Boris Peres</i>			Date <i>1/13/04</i>
Residence: City Jersey City	State NJ	United States of America	Citizenship Russian Federation
Mailing Address: 20 River Court Apt. 1510			
City Jersey City	State NJ	Zip 07310	Country United States of America

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DECLARATION**ADDITIONAL INVENTOR(S)
Supplemental Sheet**Page 4 of 4

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)) Richard A.		Family Name or Surname Stall	
Inventor's Signature <i>Richard A. Stall</i>			Date <u>1/19/04</u>
Residence: City Belle Mead	State NJ	United States of America	Citizenship US
Mailing Address: 106 Woodview Drive			
City Belle Mead	State NJ	Zip 08502	United States of America Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)) Xiang		Family Name or Surname Gao	
Inventor's Signature <i>Gao</i>			Date <u>1/19/04</u>
Residence: City Edison	State NJ	United States of America	Citizenship China
Mailing Address: 78 College Drive			
City Edison	State NJ	Zip 08817	United States of America Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)) Ivan		Family Name or Surname Eliashevich	
Inventor's Signature <i>Eliashevich</i>			Date <u>1/09/04</u>
Residence: City Maplewood	State NJ	United States of America	Citizenship Russian Federation
Mailing Address: 514 Prospect Street			
City Maplewood	State NJ	Zip 07040	United States of America Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature			Date
Residence: City	State	Country	Citizenship
Mailing Address:			
City	State	Zip	Country